

# Long Period Grating

## Product Description

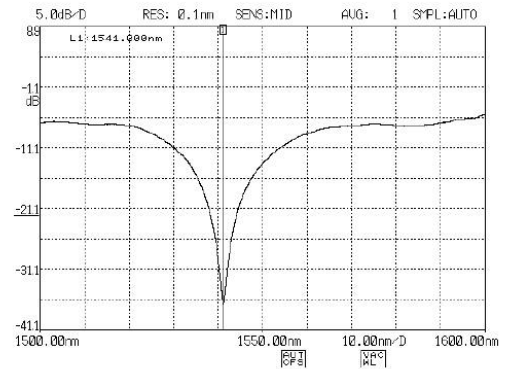
Long period grating couples light from a guided mode into forward propagating cladding modes where it is lost due to absorption and scattering. The coupling from the guided mode to cladding modes is wavelength dependent so we can obtain a spectrally selective loss. It is an optical fiber structure with the properties periodically varying along the fiber, such that the conditions for the interaction of several co-propagating modes are satisfied

## Product Features

- No reflection type
- Low insertion loss

## Product Applications

- Notch band filter
- GFF for EDFA
- Optical fiber sensing



## Specifications

Parameter	Unit	Value
Center Wavelength	nm	C+L
Insertion Loss	dB	>8.5(+/-5nm @center wavelength)
FWHM	nm	+/-0.3
Fiber Type	--	SMF-28e Or Compatible
Fiber Termination		Bare Fiber, FC/UPC, Or FC/APC
Pigtail Length	--	1 meter (Typical)